

# E20 direct

 12-21 tons [26k-42k lbs]

 max. 20 cm [8 inch]

## Mulching head with direct drive enables continuous operation

The special feature of this model is that the hydraulic motor is coupled directly to the rotor without any additional components, which makes it ideal for a wide range of applications, e.g. in the railway sector. This ensures constant torque and eliminates the need for wear-prone belts, reducing downtime while increasing performance.

Due to the direct connection, the motor is partially located inside the rotor. This helps to absorb vibrations traditionally sent through the carrier. The perfect fit and its self-lubricating feature ensure a long service life of the splined connection. The rotor was specially developed for heavy vertical loads while working reliably in any position.

## Standard version and specifications

- > Mulches brush and wood up to 20 cm [8"] Ø
- > Excavator category 12-21 tons [26,000-42,000 lbs]
- > Chassis made of high tensile and wear-resistant steel AR400
- > Universal attachment interface
- > Direct transmission
- > Automatic variable displace motor M-BOOST 60-80 cm<sup>3</sup>
- > Hydraulically adjustable hood
- > Reinforced support skids
- > Rotor: Fixed hammers MINI DUO with tungsten carbide inserts
- > Counter cutters inside the chassis

## Optional configuration and accessories

- > CUT CONTROL system with MINI DUO hammer or MINI BLADE tool
- > Interface plate for an excavator arm
- > Interface for spider excavator
- > 190° rotation plate
- > Electric valve for opening the hydraulic hood with control



 [www.youtube.com/seppimulcher](https://www.youtube.com/seppimulcher)

## Specifications • E20 direct

	cm	100	125	150	200
Working width	cm	145	170	195	245
Overall width	cm	92	92	92	92
Depth	cm	74	74	74	74
Height	cm	600	675	740	885
Weight (base value w/o options)	kg	0	0	0	0
Belts	qty	21	27	30	36
Fixed hammers MINI DUO	qty	21	27	30	36
Fixed hammers MINI BLADE	qty				

## Tools



MINI-DUO



MINI-DUO +  
CUT CONTROL



MINI BLADE +  
CUT CONTROL

## Compact direct drive

The **E20 direct** excavator mulcher is supplied with a powerful and efficient M-BOOST variable displacement motor that offers 40% more torque than standard motors. The flow rate is between 130 and 200 l/min.

### HYDRAULIC DRIVE

### E20 direct

Pressure	200-350 bar [3,000-5,075 psi]
Case drain pressure	max. 2 bar [22 psi]
Required hydraulic flow	130-200 l/min [34-53 gpm]

### Required hydraulic hoses:

Motor: 3 (pressure, return, drain)

Optional hydraulic hood: 2 (open/close) or electric valve

Optional rotation plate: 2 (right/left)

### AR400

Robust chassis made of wear-resistant steel

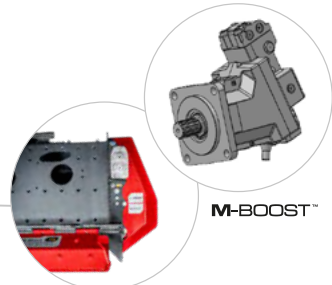
Universal attachment interface

Hydraulic hood cylinder with 3 modular positions

### LOW PROFILE

Low Profile

Strong bearings for high performance even in vertical positions

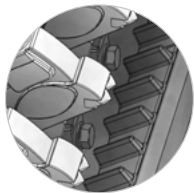


M-BOOST™

Compact small design thanks to direct coupling of the motor to the rotor. Well protected motor by a strong cover.

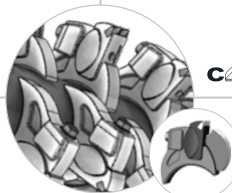


Reinforced skids for material feeding in a compact strong design



COUNTER CUTTERS

Counter cutters inside the chassis for a perfect mulching result



CARBIDE

Standard rotor: MINI DUO hammer  
2 tungsten carbide tips provide high performance and long lifetime  
> Efficient on big wood and stumps  
Optional with CUT CONTROL system



CUT CONTROL

Optional rotor: CUT CONTROL system  
The sharpenable blade of the MINI BLADE with the specially developed gauge reduces the depth of cut  
> Fast cut and fine mulch